



ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL AND PHASE-PHASE VOLTAGES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam
Product type designation				switches GX16
General characteristic				OX10
Switching diagram				66 - Voltmeter switch for phase- neutral and phase-phase voltages
N° of elements				3
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristic				
Rated insulation volta		IEC/EN UL/CSA	V V	690 600
Rated impulse withsta Conventional free air			kV	6
Conventional free all	mermar current itir	IEC/EN UL/CSA	A A	16 12
Rated operational vol	ltage		V	440
Rated operational imp	pulse voltage		kV	4
Maximum fuse size for	or short-circuit protection In (gG)			
		10kA	Α	16
		15kA	Α	16
Data I de at Care a con		25kA	A	16
Rated short time curr	ent icw	1s	Α	250
Conductivity		15	A	10/5 mA/V
Operational current le	PIFC/FN			10/3 111/7/ V
Operational outrone to	AC1/AC21A		А	16
	AC15			_
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	4
Data Lancada a Lan		660/690V	Α	1.5
Rated operational por	wer in AC Three-phase AC-3			
	Tillee-pilase AC-3	220/230V	kW	3.5
		380/440V	kW	4.5
		500/690V	kW	5.5
	Single-phase AC-3			
		110V	kW	0.55
		220/230V	kW	1.5
		380/440V	kW	2.2
	Three-phase AC23A	000/000	1300	0.7
		220/230V	kW	3.7
		380/440V 500/690V	kW kW	6.5 7.5
	Single-phase AC23A	300/0907	r\ v v	1.0
	Single phase AGZOA			





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Mechanical features 3M 3M 7 7 7 7 7 7 7 7 7					
Rated operational current in DC DC21A			110V	kW	0.75
Rated operational current in DC DC21A 48V A 16 60V A 16 110V A 4 4 220V A 0.6 440V A 0.25			220/230V	kW	1.8
DC21A			380/440V	kW	3
DC21A	Rated operational curi	rent in DC			
A	·				
Conductor size Conductor size (IEC) - Rigid cable Conductor size (IEC) - Rigid			48V	Α	16
110V			60V		
Conductor size AWG - Rigid cable AWG - Flexible cable AWG -					
Mathematical legatures Mathematical legatu					
DC23A (poles in series)					
A		DC23A (notes in series)	1101	- , ,	0.20
ABV A 16 (2)		BOZOT (poles in series)	24\/	Δ	16 (1)
Conductor size (IEC) - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable Con					
110V					
DC13 DC13 DC13 DC13 DC13 DC13 DC14 DC15 DC15 DC16 DC16 DC16 DC17 DC17 DC17 DC17 DC17 DC17 DC17 DC17 DC17 DC17 DC17					
DC13					
24V		BOAG	2200	А	7 (4)
ABV		טט13	- 47 ·		4.0
BOUND A 10 110V A 1 1 10V A 1 1 10V A 1 1 10V A 1 1 10V A 0.4 1 10V A 0.15 10 10 10 10 10 10 10					
110V					
Power dissipation					
Mechanical features				Α	
Power dissipation W 0.6				Α	
Mechanical features 3M 7 7 7 7 7 7 7 7 7			440V	Α	0.15
Terminals screw 3M Nm 0.5	Power dissipation			W	0.6
AWG - Rigid cable					
AWG - Rigid cable min					3M
AWG - Rigid cable min AWG 20 Max AWG 12 AWG - Flexible cable min AWG 20 Max AWG 12 Conductor size (IEC) - Flexible cable min mm² 0.5 Max mm² 2.5 Conductor size (IEC) - Rigid cable min mm² 0.5 Max mm² 2.5 Conductor size (IEC) - Rigid cable min mm² 0.5 Max mm² 2.5 Mechanical life UL technical data UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 1.5 240V HP 5 for single-phase motor 120V HP 5 for single-phase motor 120V HP 5 Ambient conditions Ambient conditions	Tightening torque for t	terminals max		Nm	0.5
Max AWG 12	Conductor size				
Max AWG 12 AWG - Flexible cable min AWG 20 Max AWG 12 AWG - Flexible cable min Max AWG 12 AWG 12		AWG - Rigid cable			
AWG - Flexible cable min			min	AWG	20
Max AWG 20 Max AWG 12			Max	AWG	12
Max AWG 20 Max AWG 12		AWG - Flexible cable			
Max			min	AWG	20
Conductor size (IEC) - Flexible cable					
min mm² 0.5 Max mm² 2.5 Conductor size (IEC) - Rigid cable min mm² 0.5 Max mm² 2.5 Mechanical life cycles 1X10° UL technical data		Conductor size (IEC) - Flexible cable	Mort	71110	.=
Max mm² 2.5		Conductor size (IEC) Trickible sable	min	mm²	0.5
Conductor size (IEC) - Rigid cable					
min mm² 0.5 Max mm² 2.5		Conductor size (IEC) - Pigid coble	iviax	111111	2.0
Mechanical life cycles 1X10 ⁶ UL technical data Motor power for direct-on-line control 120V HP 1.5 240V HP 3 3 480V HP 5 5 600V HP 5 5 for single-phase motor Ambient conditions		Conductor Size (IEO) - Rigid Cable	min	mm²	0.5
Mechanical life cycles 1X10 ⁶ UL technical data Motor power for direct-on-line control 120V HP 1.5 240V HP 3 480V HP 5 600V HP 5 for single-phase motor 120V HP 0.75 240V HP 1 Ambient conditions					
UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 1.5 240V HP 3 480V HP 5 600V HP 5 for single-phase motor 120V HP 0.75 240V HP 1 Ambient conditions	Machanicallifa		iviax		
Motor power for direct-on-line control for three-phase motor 120V				cycles	1XTU"
for three-phase motor 120V HP 1.5 240V HP 3 480V HP 5 600V HP 5 for single-phase motor 120V HP 0.75 240V HP 1 Ambient conditions					
120V HP 1.5 240V HP 3 480V HP 5 600V HP 5 for single-phase motor 120V HP 0.75 240V HP 1 Ambient conditions	Motor power for direct				
240V HP 3 480V HP 5 600V HP 5 for single-phase motor 120V HP 0.75 240V HP 1 Ambient conditions		for three-phase motor			
## 480V HP 5 600V HP 5 for single-phase motor ## 120V HP 0.75 240V HP 1 Ambient conditions					
600V HP 5 for single-phase motor 120V HP 0.75 240V HP 1 Ambient conditions				HP	3
for single-phase motor 120V HP 0.75 240V HP 1 Ambient conditions			480V	HP	5
120V HP 0.75 240V HP 1 Ambient conditions			600V	HP	5
120V HP 0.75 240V HP 1 Ambient conditions		for single-phase motor			
Ambient conditions 240V HP 1			120V	HP	0.75
Ambient conditions					
	Ambient conditions		2100		
	Temperature				

Operating temperature





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	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP65	
Terminals IP degree			IP20	,
Dimensions				
Wiring diagrams				

Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

IEC/EN/BS 61058-1

UL60947-4-1

Certificates

cULus EAC

ETIM classification

ETIM 8.0

EC001105 - Offload switch